

**MOBILE RIVER BASIN
2000 Calendar Year**

02397530 COOSA RIVER NEAR COOSA, GA

PERIODIC WATER-QUALITY RECORDS

LOCATION.--Lat 34°11'54", long 85°26'46", Floyd County, GA-Cherokee County, AL, Hydrologic Unit 03150105, 6.5 miles southwest of Coosa, and at mile 254.8.

DRAINAGE AREA.--4,360 mi², approximately.

PERIOD OF RECORD.--August 1974 to current year.

PERIOD OF CONTINUOUS WATER-QUALITY RECORD.--

SPECIFIC CONDUCTANCE: August 1976 to current year.

pH: August 1976 to current year.

WATER TEMPERATURE: August 1976 to current year.

DISSOLVED OXYGEN: August 1976 to current year.

WATER-QUALITY INSTRUMENTATION.--Water-quality monitor. Specific Conductance, pH, Water Temperature, and Dissolved Oxygen recorded hourly.

REMARKS.--Continuous water-quality data for this station are available in a separate theme of this report. Laboratory analyses with analyzing agency code 81213 are by the U.S. Geological Survey, Ocala Water Quality and Research Laboratory. Laboratory analyses with analyzing agency code 81341 are by the Georgia Department of Natural Resources, Environmental Protection Division, Laboratory Operations Program. Field determinations of Discharge, Specific Conductance, pH, Water Temperature, Air Temperature, and Dissolved Oxygen are by the U.S. Geological Survey. The flow at this station is regulated by Carters Lake (station 02381400), Carters Re-regulation Dam (station 02382400) and by Allatoona Reservoir (station 02393500).

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02397530 COOSA RIVER NEAR COOSA, GA--Continued

WATER-QUALITY DATA, CALENDAR YEAR JANUARY 2000 TO DECEMBER 2000

DATE	TIME	AGENCY NUMBER	OXYGEN DEMAND, (CODE (00028)	RESIDUE TOTAL (MG/L) (00530)	TUR- PENDED (NTU) (00076)	OXYGEN, SOLVED (MG/L) (00300)	OXYGEN, (PER- CENT (STAND- ATION) (00301)	PH DIS- WATER FIELD SATUR- ATION) (00400)	PH WATER WHOLE LAB ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE LAB UNITS) (00403)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (90095)
			BIO- AT 105 CHEM- ICAL, SAMPLE NUMBER)	DEG. C, SUS- BID- ITY (MG/L)		DIS- CENT (STAND- ATION) (00400)	PH WATER WHOLE LAB ARD UNITS) (00403)	PH WATER WHOLE LAB ARD UNITS) (00403)	PH WATER WHOLE LAB ARD UNITS) (00403)	SPE- CIFIC CON- DUCT- ANCE LAB UNITS) (00403)	
JAN 20...	1300	81341	<2.0	16	14	10.2	94	7.8	7.5	190	
FEB 02...	0830	81213	--	--	--	--	--	7.3	--	--	
09...	0825	81213	--	--	--	8.7	78	7.6	--	--	
16...	0835	81341	<2.0	29	28	8.7	81	7.4	7.6	190	
MAR 08...	0805	81341	<2.0	11	9.0	7.3	75	7.4	7.9	187	
APR 19...	0650	81341	<2.0	12	6.0	6.3	67	7.4	7.1	150	
MAY 10...	0700	81213	--	--	--	5.6	69	7.5	--	--	
17...	0710	81213	--	--	--	5.7	69	7.5	--	--	
24...	0735	81341	<2.0	15	9.0	6.5	83	7.8	7.8	171	
24...	0736	81213	--	--	--	6.5	83	7.8	--	--	
JUN 07...	0705	81341	<2.0	18	8.0	6.0	72	7.4	7.7	176	
JUL 06...	0720	81341	<2.0	7	10	5.9	78	7.5	7.6	187	
AUG 09...	0730	81341	<2.0	29	6.0	6.1	83	7.7	8.3	217	
16...	0650	81213	--	--	--	5.2	68	7.5	--	--	
SEP 06...	0705	81341	<2.0	17	28	4.8	59	7.1	7.4	131	
07...	0910	81213	--	--	--	5.4	69	7.4	--	--	
OCT 04...	0720	81341	<2.0	9	9.0	6.7	78	7.4	7.7	170	
NOV 08...	0820	81341	<2.0	7	6.0	6.4	72	7.2	7.8	215	
15...	0805	81213	--	--	--	6.2	60	7.0	--	--	
29...	0755	81213	--	--	--	6.6	61	7.2	--	--	
DEC 06...	0930	81341	<2.0	7	7.0	10.1	88	7.9	7.7	183	
06...	0931	81213	--	--	--	10.1	88	7.9	--	--	

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WATER-QUALITY DATA, CALENDAR YEAR JANUARY 2000 TO DECEMBER 2000

DATE	SPE-CIFIC (US/CM) (00095)	TEMPER-ANCE AIR (DEG C) (00020)	TEMPER-ANCE WATER (DEG C) (00010)	HARD-NESS AS (00900)	UNFLTRD TIT 4.5 LAB (MG/L) (CACO3) (90410)	NITRO-GEN, AMMONIA AS (00610)	NITRO-GEN, NO2+NO3 TOTAL (MG/L) (AS N) (00630)	PHORUS TOTAL (MG/L) (AS N) (00665)	CARBON, ORGANIC TOTAL (MG/L) (AS P) (00680)	COLI-FORM, FECAL, EC BROTH (MPN) (31615)
JAN 20...	201	8.5	11.0	70	60	.05	.5	.120	2.7	20
FEB 02...	141	-4.0	6.0	--	--	--	--	--	--	50
	180	2.0	10.2	--	--	--	--	--	--	E90
	16...	188	7.0	12.0	68	61	.09	.5	.130	4.7
MAR 08...	190	8.5	16.4	64	61	<.03	.4	.095	5.4	--
APR 19...	152	7.4	17.8	62	52	.06	.5	.070	4.6	--
MAY 10...	180	21.5	24.5	--	--	--	--	--	--	<20
	162	15.5	23.8	--	--	--	--	--	--	<20
	24...	194	24.0	26.4	60	57	.09	.3	.120	4.5
	24...	194	24.0	26.4	--	--	--	--	--	20
JUN 07...	175	10.4	23.9	50	56	.07	.5	.110	3.3	<20
JUL 06...	184	24.4	29.3	60	60	<.03	.5	.140	6.6	--
AUG 09...	214	22.0	31.1	62	71	.04	.3	.110	<1.0	<20
	190	17.5	29.4	--	--	--	--	--	--	80
SEP 06...	140	19.5	25.9	32	44	.10	.3	.090	4.3	55
	151	20.1	27.2	--	--	--	--	--	--	20
OCT 04...	168	14.7	22.5	46	51	<.03	.4	.070	6.0	--
NOV 08...	216	18.5	20.7	76	63	.09	.3	.110	4.5	35
	137	2.0	13.8	--	--	--	--	--	--	110
	29...	210	7.5	11.1	--	--	--	--	--	170
DEC 06...	181	.2	9.3	24	57	.01	.5	.130	4.7	--
	181	.2	9.3	--	--	--	--	--	--	--

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02397530 COOSA RIVER NEAR COOSA, GA--Continued

WATER-QUALITY DATA, CALENDAR YEAR JANUARY 2000 TO DECEMBER 2000

DATE	TIME	AGENCY	OXYGEN,	PH	SPE-	CALCIUM	MAGNE-					
		ANA-LYZING SAMPLE (CODE NUMBER)	DIS-SOLVED (MG/L) (00028)	DIS-SOLVED (PER-CENT) (00300)	WATER WHOLE (00301)	SPECIFIC FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE (US/CM) (00095)	TEMPER-ATURE (DEG C) (00020)	RECOV-ERABLE (AS CA) (00010)	CALCIUM TOTAL (00916)	MAGNESIUM TOTAL (AS MG) (00927)	ANTI-MONY TOTAL (UG/L AS SB) (01097)
MAY 24...	0736	81213	6.5	83	7.8	194	24.0	26.4	15	4.7	<1.0	
DEC 06...	0931	81213	10.1	88	7.9	181	.2	9.3	18	4.5	<1.0	
			CHRO-									
			CADMIUM WATER	MIUM, TOTAL	COPPER, TOTAL	LEAD, TOTAL	MERCURY TOTAL	NICKEL, TOTAL	SELE-NIUM,	THAL-LIUM,	ZINC, TOTAL	
		ARSENIC	UNFLTRD TOTAL (UG/L AS AS)	RECOV-ERABLE (UG/L AS CD)	RECOV-ERABLE (UG/L AS CR)	RECOV-ERABLE (UG/L AS CU)	RECOV-ERABLE (UG/L AS PB)	RECOV-ERABLE (UG/L AS HG)	RECOV-ERABLE (UG/L AS NI)	RECOV-ERABLE (UG/L AS SE)	RECOV-ERABLE (UG/L AS TL)	RECOV-ERABLE (UG/L AS ZN)
			(01002)	(01027)	(01034)	(01042)	(01051)	(71900)	(01067)	(01147)	(01059)	(01092)
MAY 24...	<2.0	<.5	<1.0	<1.0	1.2	<.1	<1.0	<2.0	<2.0	<2.0	9.1	
DEC 06...	<4.0	<.5	<1.0	<2.0	<2.0	<.1	<1.0	<4.0	<2.0	<2.0	7.1	